

Abstract of the Disclosure

The flow regulation portion includes a diameter reducing portion, a cylinder portion and a diameter expanding portion arranged from an upstream side, wherein: (1) an inlet shape of the diameter reducing portion at a side of the biaxial screw portion is equal to an outlet shape of the biaxial screw portion; (2) an outlet shape of the diameter reducing portion at a side of the cylinder portion is equal to an inlet shape of the cylinder portion; (3) an inlet shape of the diameter expanding portion at a side of the cylinder portion is equal to an outlet shape of the cylinder portion; and (4) an outlet shape of the diameter expanding portion at a side of the foreign substance removal portion is equal to an inlet shape of the foreign substance removal portion. The flow regulation portion is formed by a cassette mechanism, thereby reducing a maintenance cost and a delivery date.

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